

BASF Aktiengesellschaft

March 30, 2001

NAE19991380US IB/SF/els

Abstract

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In a process for increasing the elongation at break of moldings made from thermoplastic molding compositions comprising, based on the total of the amounts of components A and B and, where appropriate, C and/or D, the entirety of which gives 100% by weight,

10 a: from 1 to 99% by weight of a particulate emulsion polymer with a glass transition temperature below 0°C and with a median particle size of from 50 to 1000 nm, as component A,

15 b: from 1 to 99% by weight of at least one amorphous or semicrystalline polymer, as component B,

20 c: from 0 to 50% by weight of other thermoplastic polymers, as component C, and

 d: from 0 to 50% by weight of fibrous or particulate fillers or mixtures of these, as component D,

that dispersion of component A obtained from an emulsion polymerization is filtered to remove coagulated material and then further processed to give the thermoplastic molding composition.

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